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	Sauer et al., A novel procedure for efficient geno No. 5 e13 (2000).	otyping of single nucleotide polymorph	hisms, Nucleic Acids Research, Vol. 28,
	Germer et al., Single-Tube Genotyping without (	Oligonucleotide Probes, Genome Rese	earch, Vol. 9, pp. 72-78 (1999).
	Liu et al., Overlapping PCR for Bidirectional PC simultaneously differentiating homozygotes and l	R amplification of specific alleles: A heterozygotes, Genome Research, Vol	rapid one-tube method for I. 7, pp. 389-398 (1997).
	Ellis, M., "Spot-On" SNP Genotyping, Genome I	Research, vol.10 pp.895-897 (2000).	
1	Waterfall et al., Single tube genotyping of sickle (No. 23 e119 (2001).	cell anemia using PCR-based SNP ana	alysis, Nucleic Acids Research, vol. 29,
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